BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer,
Dasarahalli Division,

EMB

NAME OF WORK: - Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division.

EST COST: 35.00 Lakhs

JOB CODE: 013-20-000065

AS: EE/DD/AS/81/2020-21, Dated: 01.07.2020.

TS: EE/DD/TS/55/2020-21, Dated: 17.07.2020.

WORK ORDER: EE/DD/W.O/176/2020-21, Dated 03.02.2021.

Name of Contractor: M/s INCHARA CONSTRUCTIONS,

ne of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At War no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Geophysical investigation of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or P.W.S.S. by vertical electrical sounding by adopting venner or schlumbergers's method, including reconnaissance urvey of geological formation, Geological investigation of existing ground water in icinity, its quality, quantity & acceptability of the users indicating the location of site, commended depth of casing pipe required to seal the top unconsolidated formation cluding an extra depth of 1.0 mtr in consolidated formation for proper seating of sing pipe, depth of drilling required to cover full depth of aquifer proposed to be ped, probable yield and other information required including transportation of rument and accessories to work site, engaging technical personal and labour required (Page no.148,item no.13.04 ,RWS SR-Banagalore Circle-2019-2020)						
a						
A Cross, Near New Cambridge ol	1					
L Mini Colony	1				1	
ross, Prashanth Nagara	1				1	
					1	
				Present Qty	3	**Each**

21/05/2021

Assistant Engineer
Ward No-13

Asst. Executive Engineer
Shettyhalli Sub Division

Name of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) (Page no.148,item no.13.01 ,RWS SR-Banagalore Circle-2019-2020)						
	Area						
	0.00 to 50.00 Mtr.						
	4th A Cross, Near New Cambridge School	1	50.00			50.00	
	BHEL Mini Colony	1	50.00			50.00	
	6th Cross, Prashanth Nagara	1	50.00			50.00	
						150.00	**Mtr**
	50.00 to 100.00 Mtr.						
	4th A Cross, Near New Cambridge School	1	50.00			50.00	
	BHEL Mini Colony	1	50.00			50.00	
	6th Cross, Prashanth Nagara	1	50.00			50.00	
						150.00	**Mtr**
	100.00 to 150.00 Mtr.						
	4th A Cross, Near New Cambridge School	1	50.00			50.00	
	BHEL Mini Colony	1	50.00			50.00	
	6th Cross, Prashanth Nagara	1	50.00			50.00	
						150.00	**Mtr**
	150.00 to 200.00 Mtr.						
	4th A Cross, Near New Cambridge School	1	50.00			50.00	
	BHEL Mini Colony	1	50.00			50.00	
	6th Cross, Prashanth Nagara	1	50.00			50.00	
						150.00	**Mtr**
	200.00 to 250.00 Mtr.						
	4th A Cross, Near New Cambridge School	1	50.00			50.00	
	BHEL Mini Colony	1	50.00			50.00	
	6th Cross, Prashanth Nagara	1	50.00			50.00	
						150.00	**Mtr**
	250.00 to 300.00 Mtr.						

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
4th A Cross, Near New Cambridge School	1	50.00			50.00	
BHEL Mini Colony	1	50.00			50.00	
6th Cross, Prashanth Nagara	1	50.00			50.00	
					150.00	**Mtr**
300.00 to 350.00 Mtr.						
th A Cross, Near New Cambridge chool	1	50.00			50.00	
HEL Mini Colony	1	50.00			50.00	
h Cross, Prashanth Nagara	1	50.00			50.00	
					150.00	**Mtr**
0.00 to 400.00 Mtr.						
h A Cross, Near New Cambridge hool	1	9.80			9.80	
EL Mini Colony	1	12.30			12.30	
Cross, Prashanth Nagara	1	10.50			10.50	
					32.60	**Mtr**
				Limited Qty =	**18.00**	**Mtr**

Assistant Engineer
Ward No-13

24/05

Asst. Executive Engineer,
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಆರ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Name of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Supply of ISI mark 175mm nominal bore,plain and steel casing pipe grade of steel Fe 410 of wall thickness conforming to IS 4270-2001 and latest ammendments, electrical resistance welded steel tubes, material and conforming to IS 1387-1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5-7m both ends.threaded conforming to IS 554-1985 one end fixed with socket conforming to IS 4270-2001 and the other end with screwed pipes. All shall be responsibaly free from defects. The tubes shall be responsible straight end should be with ISI marking weighing 25.10kg/m.(exclusive of all taxes and duties).prices include Collar-Medium duty. 175mm dia x 5.4mm thick (Page no.338,item no.15.85 ,RWS SR-Banagalore Circle-2019-2020)						
Area						
4th A Cross, Near New Cambridge School	1	55.00			55.00	
BHEL Mini Colony	1	45.00			45.00	
6th Cross, Prashanth Nagara	1	50.00			50.00	
				Present Qty	**150.00**	**Rmt**

Assistant Engineer
Ward No-13

24/05

Asst. Executive Engineer,
Shettyhalli Sub Division

24/05

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಶ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

ne of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

re Measurement Recorded on :

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
oviding and fixing 250mm dia PVC pipe and as per specification and directions. (BWSSB SR 13-14, No.53 I.no.1 of sl.no.11.)						
ea						
A Cross, Near New Cambridge ool	1	6.00			6.00	
L Mini Colony	1	6.00			6.00	
Cross, Prashanth Nagara	1	6.00			6.00	
					6.00	
				Present Qty	**18.00**	**Rmt**

Assistant Engineer 24/05
Ward No-13

Asst. Executive Engineer, 24/05
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

ame of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Providing and laying at site of work175mm thick MS casing caps as per IS 1239 (part-II) 1982 with all latest amendments if any for any dia. The thickness of plate used for covering one end shall be 3mm (minimum). The dimensions of caps and colars shall be strictly as per IS 1239 (Part-II) 1982 with all amendments including cost of material and labour charges for fixing, if any etc. complete with all lead and lifts and as directed by the Engineer in charge (Page no.338,item no.15.87 ,RWS SR-Banagalore Circle-2019-2020)						
Area							
th A Cross, Near New Cambridge chool		1					
HEL Mini Colony		1				1	
h Cross, Prashanth Nagara		1				1	
						1	
					Present Qty	3	**Each**

Assistant Engineer
Ward No-13

24/10/20

Asst. Executive Engineer,
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

of Work : **Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division**

Pre Measurements

Pre Measurement Recorded on :

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
upply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make itable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells mpressing of single stage or multistage CF pump close coupled by means of stainless steel coupling suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel gesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted h required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc mplete the pump and motor shall from an integral unit with all the required fittings 15HP/11KW tage (P.NO-XLII, I.NO-41, PWD SR-2018-19)						
a						
A Cross, Near New Cambridge ool	1				1.00	
EL Mini Colony	1				1.00	
Cross, Prashanth Nagara	1				1.00	
				Present Qty	**3.00**	**Nos**

Assistant Engineer 02/06
Ward No-13

Asst. Executive Engineer,
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಕಾರಿಗಳು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ಆಸ್ಪತ್ರೆ, ರಮಣಶ್ರೀನಗರ, ಬೆಂಗಳೂರು

Name of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Providing, laying & jointing GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc,. complete 'A' grade(excluding cost of fittings) 50mm dia GI pipe (PWD SR-2018-19, P.No.92 l.no. 13.6)						
Area						
4th A Cross, Near New Cambridge School	1	300.00			300.00	
BHEL Mini Colony	1	300.00			300.00	
6th Cross, Prashanth Nagara	1	300.00			300.00	
Present Qty					**900.00**	**Rmtr**

Assistant Engineer
Ward No-13

Asst. Executive Engineer,
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
Shettyhalli Sub Division
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

of Work : **Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division**

Pre Measurements

e Measurement Recorded on :

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
ly of 50mm M.S collars (PWD SR-2018-19, P.No.XLVII Sl.no.2)						
Cross, Near New Cambridge l	1	50.00			50.00	
Mini Colony	1	50.00			50.00	
ss, Prashanth Nagara	1	50.00			50.00	
					50.00	
				Present Qty	**150.00**	**Each**

02/05

Assistant Engineer
Ward No-13

Asst. Executive Engineer,
Shettyhalli Sub Division
2/05

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬ.ಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಿ.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ. ಬೆಂಗಳೂರು

Name of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Supplying and drawing 3 core PVC Sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS: 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts 4 sqmm of 56 strands 0.3mm dia (P.NO-07, I.NO-2.6.3, PWD Electrical SR 19-20,Bangalore circle)						
Area						
4th A Cross, Near New Cambridge School	2	320.00			640.00	
BHEL Mini Colony	2	318.00			636.00	
6th Cross, Prashanth Nagara	2	322.00			644.00	
				Present Qty	**1920.00**	**Mtr**

Assistant Engineer
Ward No-13

Asst. Executive Engineer,
Shettyhalli Sub Division

Ward no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 15.00 HP with star delta starter (MR)						
Area						
4th A Cross, Near New Cambridge School	1				1	
BHEL Mini Colony	1				1	
6th Cross, Prashanth Nagara	1				1	
				Present Qty	**3**	**No's**

02/06

Assistant Engineer
Ward No-13

Asst. Executive Engineer,
Shettyhalli Sub Division

02/06

Name of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm (P.NO-30, I.NO-5.42.1, PWD SR Electrical,Bangalore circle)						
Area						
4th A Cross, Near New Cambridge School	1	1100.00	20.00		22000.00	
BHEL Mini Colony	1	1100.00	20.00		22000.00	
th Cross, Prashanth Nagara	1	1100.00	20.00		22000.00	
				Present Qty	**66000.00**	**Sq Cm**

Assistant Engineer 02/06
Ward No-13

Asst. Executive Engineer, 02/06
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂ

me of Work : **Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division**

Pre Measurements

Pre Measurement Recorded on :

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Providing & Fixing of clamps set and borewell cap to the pump (MR) (P.NO-XLVII, SI.NO-17, PWD SR-2018-19)						
Area						
4th A Cross, Near New Cambridge School	1					
BHEL Mini Colony	1				1	
6th Cross, Prashanth Nagara	1				1	
					1	
					1	
				Present Qty	3	Set

Assistant Engineer
Ward No-13

Asst. Executive Engineer,
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಿ.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Name of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

em o	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI Mark and as per its latest amendments,Size- 50mm . (Page no.129,item no.12.06 (a) ,RWS SR-Banagalore Circle-2019-2020)						
	Area						
	4th A Cross, Near New Cambridge School	1					
	HEL Mini Colony	1				1	
	h Cross, Prashanth Nagara	1					
						1	
						1	
					Present Qty	**3**	**No's**

Assistant Engineer 07/06
Ward No-13

Asst. Executive Engineer,
Shettyhalli Sub Division 07/06

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Name of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Supply and delivery at site of brand new best make gate valve as per IS 778/1984 with ISI Mark and as per its latest amendments,Size- 50mm (Page no.129,item no.12.05 (a) ,RWS SR-Banagalore Circle-2019-2020)						
Area						
4th A Cross, Near New Cambridge School	1				1	
BHEL Mini Colony	1				1	
6th Cross, Prashanth Nagara	1				1	
				Present Qty	**3**	**No's**

Assistant Engineer
Ward No-13

Asst. Executive Engineer,
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

e of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

re Measurement Recorded on :

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
pply and delivery at site wrought middle steel (galvanized) 50 mm dia GI bend confirming to IS 1239-1991 with latest amendments if any. (Page no.335,item no.15.74.5 ,RWS SR-Banagalore Circle-9-2020)						
a						
A Cross, Near New Cambridge ool	1					
L Mini Colony	1				1	
ross, Prashanth Nagara	1				1	
					1	
				Present Qty	**3**	**No's**

Assistant Engineer
Ward No-13

Asst. Executive Engineer,
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ne of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI union confirming to IS 1239-II, 1991 with latest amendments if any. (Page no.335,item no.15.78.5 ,RWS SR-Banagalore Circle-2019-2020)						
Area						
4th A Cross, Near New Cambridge School	1				1	
BHEL Mini Colony	1				1	
6th Cross, Prashanth Nagara	1				1	
				Present Qty	**3**	**No's**

Assistant Engineer
Ward No-13

Asst. Executive Engineer,
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಸಿ.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Name of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

m	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI elbow confirming to IS 1239-II, 1991 with latest amendments if any.(Page no.33,item no.15.73.5 ,RWS SR-Banagalore Circle-2019-2020)						
	Area						
	th A Cross, Near New Cambridge chool	1					
	HEL Mini Colony	1				1	
	Cross, Prashanth Nagara	1				1	
						1	
					Present Qty	**3**	**No's**

Assistant Engineer
Ward No-13

Asst. Executive Engineer,
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ

Name of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

	Pre Measurement Recorded on :						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
8	Labour charges for Erection, Electrification and commissioning of Pump sets, including aligning and balancing of all items including supply and erection of two pair of supporting clamps, bore well caps, cable clips and water tight gland cable protectors, bolts, nuts, valve and gauges,tools and equipments etc., involved in the job as per specifications, with necessary tests as per specifications, with testing of as per instructions of engineer incharge of work. (Page no.130,item no.12.16 ,RWS SR-Banagalore Circle-2019-2020)						
	Area						
	4th A Cross, Near New Cambridge School	1				1	
	BHEL Mini Colony	1				1	
	6th Cross, Prashanth Nagara	1				1	
					Present Qty	**3**	**Job**

Assistant Engineer
Ward No-13

Asst. Executive Engineer
Shettyhalli Sub Division

Name of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

Sl No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Labour charges for erection of indoor type panel board and meter board units with all necessary materials and labour tools and equipments including cement concrete for foundation/bed etc,complete as per specification, with testing of as per instructions of engineer incharge of work. (Page no.130,item no.12.17 ,RWS SR-Banagalore Circle-2019-2020)						
	Area						
	4th A Cross, Near New Cambridge School	1					
	BHEL Mini Colony	1				1	
	6th Cross, Prashanth Nagara	1				1	
						1	
					Present Qty	3	**No's**

Assistant Engineer
Ward No-13
02/06

Asst. Executive Engineer,
Shettyhalli Sub Division
02/06

ne of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Supplying and fixing miniature circuit breakers/isolators on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, Energy cross-3 with short circuit breaking capacity of 10k and complete wiring as required confirming to IEC 60898, 40 Amps DP (P.NO -27, I.NO - 5.17.5, ,PWD Electrical SR 19-20,Bangalore circle)						
Area						
4th A Cross, Near New Cambridge School	1				1	
BHEL Mini Colony	1				1	
th Cross, Prashanth Nagara	1				1	
					1	
				Present Qty	**3**	**Each**

02/06/21

Assistant Engineer
Ward No-13

Asst. Executive Engineer,
Shettyhalli Sub Division

Name of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
21	Supplying and laying of L.T.U.G Cable having aluminium conductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable (confirming to IS 1554) (P.NO - 40, I.NO - 6.4.4,PWD Electrical SR 19-20,Bangalore circle)						
	Area						
	4th A Cross, Near New Cambridge School	1	37.00			37.00	
	BHEL Mini Colony	1	33.00			33.00	
	6th Cross, Prashanth Nagara	1	35.00			35.00	
					Present Qty	**105.00**	**Mtr**

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬಿಬಿಎಂಪಿ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

02/06/2021

Assistant Engineer
Ward No-13

Asst. Executive Engineer,
Shettyhalli Sub Division

Name of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
22	Digging of trenches of 0.6mm x 0.50 Mtrs wide refilling the trench to the required ground level and consolidating etc,. Complete sutting road surfaces (As per Civil SR KSRB I-2,P-7)(P.NO -41, I.NO - 6.6.1,,PWD Electrical SR 19-20,Bangalore circle)						
	Area						
	4th A Cross, Near New Cambridge School	1	37.00			37.00	
	BHEL Mini Colony	1	33.00			33.00	
	6th Cross, Prashanth Nagara	1	35.00			35.00	
					Present Qty	**105.00**	**Mtr**

05/03/2024

Assistant Engineer
Ward No-13

Asst. Executive Engineer,
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ

Name of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
23	Supplying and fixing Class-A GI Pipe on pole/ wall/drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 40mm (P.NO -41, I.NO -6.9.1, PWD Electrical SR 19-20,Bangalore circle)						
	Area						
	4th A Cross, Near New Cambridge School	1	3.00			3.00	
	BHEL Mini Colony	1	3.00			3.00	
	6th Cross, Prashanth Nagara	1	3.00			3.00	
						9.00	
					Present Qty		**Mtr**

Assistant Engineer
Ward No-13
14/06/2021

Asst. Executive Engineer,
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

e of Work : **Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division**

Pre Measurements

re Measurement Recorded on :

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
rthing: Supplying and fixing and wiring earth electrode for grounding circuits IC cutouts and other uipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and rcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduits etc. is stablished through GI wire of sizes as per clause 7.3.3 of IS 732 using 12mm bolts, nuts, washers and ck nuts, the pipe shall have 16 through holes of 12mm dia. (Page no.131,item no.12.23 ,RWS SR-agalore Circle-2019-2020)						
a						
A Cross, Near New Cambridge ool	1					
L Mini Colony	1				1	
Cross, Prashanth Nagara	1					
				Present Qty	3	**Job**

Assistant Engineer
Ward No-13
14/06/2021

Asst. Executive Engineer,
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Measurement Recorded on :						
Discription of Item	No	Length	Breadth	Depth	Qty	Unit
ling,Supplying and fixing LT cast iron potheads suitable for 1.1 KV class UG cable filled with ary bitumen/insulating compound complete with terminals, clamps,bolts,nuts and washers etc. ecessary materials and labour tools and equipments as per instructions of engineer incharge of 3½x6 Sqm (Page no.131,item no.12.22 ,RWS SR-Banagalore Circle-2019-2020)						
Cross, Near New Cambridge	1				1	
Mini Colony	1				1	
ss, Prashanth Nagara	1				1	
				Present Qty	**3**	**No's**

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂ
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ಪಾದರಹಳ್ಳಿ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪ
ಸಿ.ಬಿ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗ

Assistant Engineer
Ward No-13
14/06/2021

Asst. Executive Engineer,
Shettyhalli Sub Division

f Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Measurement Recorded on :

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
plying, fixing and wiring heavy duty low voltage capacitors conforming to IS 2834, 3phase 400/440 grade,for power Factor improvement of roating machinery like indution motor (P.NO -29, I.NO - PWD Electrical SR 19-20,Bangalore circle)						
Cross, Near New Cambridge ol	1					
L Mini Colony	1				1	
ross, Prashanth Nagara	1				1	
				Present Qty	3	KVAR

Assistant Engineer
Ward No-13
14/06/2021

Asst. ~~Executive~~ Engineer,
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, [illegible] ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರ

Name of Work : Driling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
27	Supplying and fixing of polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to wall using tapered inverted wooden plugs screws etc., Size 20 x 20 x 2.5 inches (P.NO - 24, I.NO -5.6.6, PWD Electrical SR 19-20,Bangalore circle)						
	Area						
	4th A Cross, Near New Cambridge School	1				1	
	BHEL Mini Colony	1				1	
	6th Cross, Prashanth Nagara	1				1	
					Present Qty	3	**Eaeh**

14/06/2021
Assistant Engineer
Ward No-13

Asst. Executive Engineer,
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Name of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
28	KPTCL Deposit charges						
	Area						
	4th A Cross, Near New Cambridge School	1					
	BHEL Mini Colony	1				1	
	6th Cross, Prashanth Nagara	1					
					Present Qty	1	L/S

Assistant Engineer
Ward No-13
14/06/2024

Asst. Executive Engineer,
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

me of Work : **Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division**

Pre Measurements

Pre Measurement Recorded on :

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Borewell registration charges per Rs 1000 each for BWSSB						
Area						
th A Cross, Near New Cambridge chool	1					
HEL Mini Colony	1				1	
h Cross, Prashanth Nagara	1				1	
					1	
Present Qty					3	**Each**

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

14/06/2021

Assistant Engineer
Ward No-13

Asst. Executive Engineer,
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Name of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

em o	Pre Measurement Recorded on : Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinery soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5 (Page No.5 , Item No.2.4,PW,P & IWTD SR 2018-						
Area							
4th A Cross, Near New Cambridge School		1	30.00	0.75	0.90	20.25	
		1	30.00	0.75	0.90	20.25	
		1	30.00	0.75	0.90	20.25	
		1	30.00	0.75	0.90	20.25	
		1	22.00	0.75	0.90	14.85	
HEL Mini Colony		1	30.00	0.75	0.90	20.25	
		1	30.00	0.75	0.90	20.25	
		1	30.00	0.75	0.90	20.25	
		1	30.00	0.75	0.90	20.25	
		1	20.00	0.75	0.90	13.50	
Cross, Prashanth Nagara		1	30.00	0.75	0.90	20.25	
		1	30.00	0.75	0.90	20.25	
		1	30.00	0.75	0.90	20.25	
		1	30.00	0.75	0.90	20.25	
		1	18.00	0.75	0.90	12.15	
					Present Qty	**283.50**	**Cum**
					Limited Qty =	**271.35**	**Cum**

Assistant Engineer 27/05/2024
Ward No-13

Asst. Executive Engineer,
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Name of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
31	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete (external work) 50mm nominal OD pipes (Page No.99, Item No. 13.87.6 SR 2018-19)						
	Area						
	4th A Cross, Near New Cambridge School	1	30.00			30.00	
		1	30.00			30.00	
		1	30.00			30.00	
		1	22.00			22.00	
	BHEL Mini Colony	1	30.00			30.00	
		1	30.00			30.00	
		1	30.00			30.00	
		1	30.00			30.00	
	6th Cross, Prashanth Nagara	1	20.00			30.00	
		1	30.00			30.00	
		1	30.00			30.00	
		1	30.00			30.00	
		1	30.00			30.00	
		1	18.00			18.00	
					Present Qty	**420.00**	**Rmt**
					Limited Qty =	**402.00**	**Rmt**

Assistant Engineer 27/05/2024
Ward No-13

Asst. Executive Engineer, 27/5
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

me of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (Page No.155, Item No.20.18 PWD SR 2018-19)						
Area						
4th A Cross, Near New Cambridge School	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	22.00	0.75	0.15	2.48	
HEL Mini Colony	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	20.00	0.75	0.15	2.25	
Cross, Prashanth Nagara	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	18.00	0.75	0.15	2.03	
				Present Qty	**47.25**	**Cum**
				Limited Qty =	**45.22**	**Cum**

Assistant Engineer 07/06/2021
Ward No-13

Asst Executive Engineer,
Shettyhalli Sub Division

e of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Detailed Measurements

Pre Measurement Recorded on :

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with rushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ .46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including uring for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and entering complete as per specifications. (P.No-222,I No-27.18 PWD SR 2018-19)						
or Water supply pipeline						
rea						
h A Cross, Near New Cambridge hool	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	22.00	0.75	0.15	2.48	
EL Mini Colony	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	20.00	0.75	0.15	2.25	
Cross, Prashanth Nagara	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	18.00	0.75	0.15	2.03	
				Present Qty	**47.25**	**Cum**
				Limited Qty =	**45.22**	**Cum**

04/05/2024

Assistant Engineer
Ward No-13

Asst. Executive Engineer,
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಜಿ.ಕೆ.ವಿ.ಕೆ. ಅಂಚೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Name of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Wa
no 13 Shettyhalli Sub Division

Detailed Measurements

Item No	Pre Measurement Recorded on : Discription of Item	No	Length	Breadth	Depth	Qty	Un
34	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum) (Page No. 175.tem No.22.6.1,PW,P & IWTD SR 2018-19)						
	For Water supply pipeline						
	Area						
	4th A Cross, Near New Cambridge School	1	30.00	0.75	0.15	3.38	
		1	30.00	0.75	0.15	3.38	
		1	30.00	0.75	0.15	3.38	
		1	30.00	0.75	0.15	3.38	
		1	22.00	0.75	0.15	2.48	
	BHEL Mini Colony	1	30.00	0.75	0.15	3.38	
		1	30.00	0.75	0.15	3.38	
		1	30.00	0.75	0.15	3.38	
		1	30.00	0.75	0.15	3.38	
		1	20.00	0.75	0.15	2.25	
	6th Cross, Prashanth Nagara	1	30.00	0.75	0.15	3.38	
		1	30.00	0.75	0.15	3.38	
		1	30.00	0.75	0.15	3.38	
		1	30.00	0.75	0.15	3.38	
		1	18.00	0.75	0.15	2.03	
					Present Qty	**47.25**	**Cum**
					Limited Qty =	**45.22**	**Cum**

Assistant Engineer 14/06/2024
Ward No-13

Asst. Executive Engineer,
Shettyhalli Sub Division 14/6

Name of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Detailed Measurements

Pre Measurement Recorded on :

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, edges, steel plates including levelling the form work as per drawing). Spreading the concrete with vels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation uding provision of contraction, expansion, construction and longitudinal joints including groove ing charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum) (Page No. 175.tem 2.6.1,PW,P & IWTD SR 2018-19)						
Water supply pipeline						
Cross, Near New Cambridge	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	22.00	0.75	0.15	2.48	
Mini Colony	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	20.00	0.75	0.15	2.25	
Prashanth Nagara	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	30.00	0.75	0.15	3.38	
	1	18.00	0.75	0.15	2.03	
				Present Qty	**47.25**	**Cum**
				Limited Qty =	**45.22**	**Cum**

14/06/2021

Assistant Engineer
Ward No-13

Asst. Executive Engineer,
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Name of Work : Drilling of Borewell Providing Pipelines and other Water Facility Works At Ward no 13 Shettyhalli Sub Division

Pre Measurements

Pre Measurement Recorded on :

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Filling available earth around pipe lines cable in layers not exceeding 20cms, in depth compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost all labour complete as per specifications (Page No.6 Item No. 2.10,PW,P&IWTD SR 2018-19)						
Area						
4th A Cross, Near New Cambridge School	1	30.00	0.75	0.75	16.88	
	1	30.00	0.75	0.75	16.88	
	1	30.00	0.75	0.75	16.88	
	1	30.00	0.75	0.70	15.75	
	1	22.00	0.75	0.75	12.38	
KEL Mini Colony	1	30.00	0.75	0.75	16.88	
	1	30.00	0.75	0.75	16.88	
	1	30.00	0.75	0.75	16.88	
	1	30.00	0.75	0.70	15.75	
	1	20.00	0.75	0.75	11.25	
Cross, Prashanth Nagara	1	30.00	0.75	0.75	16.88	
	1	30.00	0.75	0.75	16.88	
	1	30.00	0.75	0.70	15.75	
	1	30.00	0.75	0.75	16.88	
	1	18.00	0.75	0.75	10.13	
				Present Qty	**232.88**	**Cum**
				Limited Qty =	**130.25**	**Cum**

14/06/2021

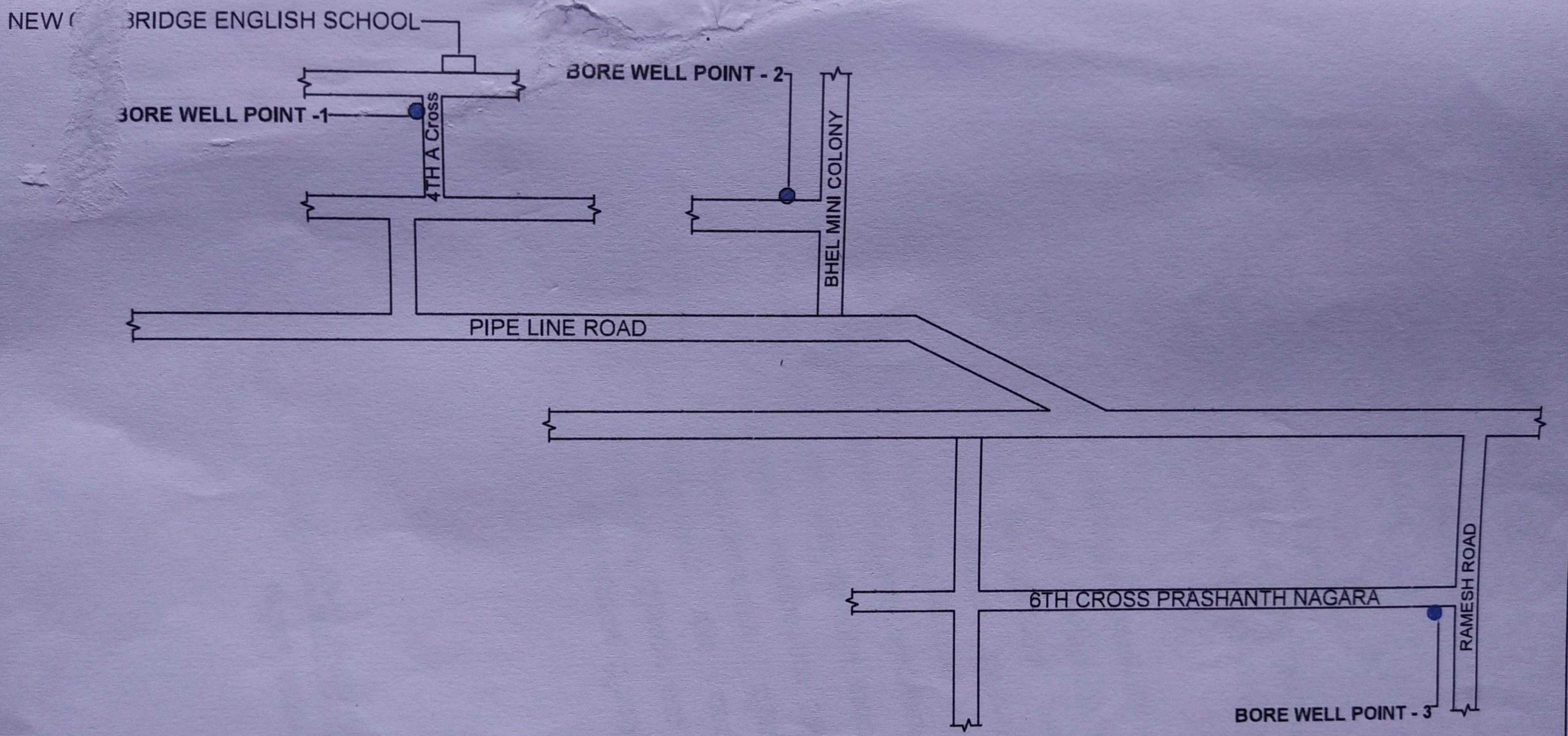
Assistant Engineer
Ward No-13

Asst. Executive Engineer,
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Sub Division

and other Water Facility Works At Ward no 13 Shettyhalli



Assistant Engineer
Ward No.13

Assistant Executive Engineer
Shettyhalli Sub Division